

# Gosling Sports Fields

THE WOODLANDS TOWNSHIP

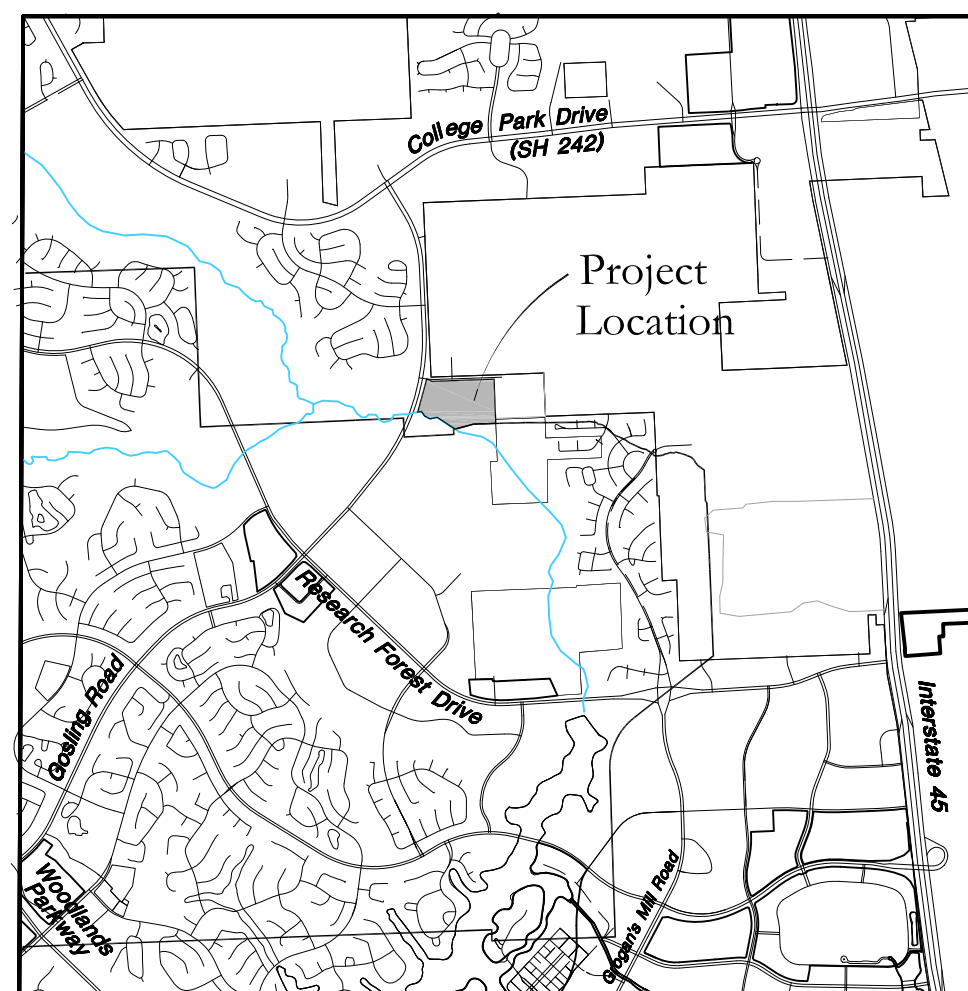
The Woodlands, Texas



LJA

Engineering Inc.

25231 Grogan's Mill Road  
Suite 330  
The Woodlands, TX 77380  
Phone 281 210 1750



Vicinity Map

Key Map  
Pg 366

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100 % Construction Drawings - Issued for BID October 7th 2014

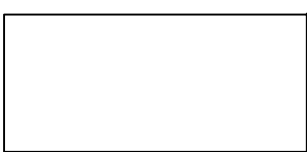




LEGEND

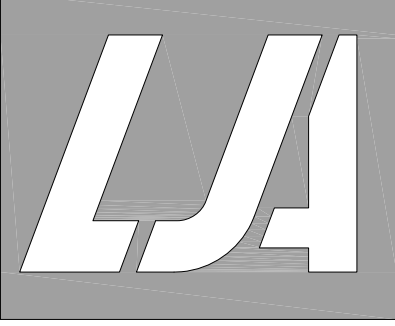


Project Limits



OVERALL SITE PLAN

SCALE 1" = 60'-0"



Gosling Road  
Sports Fields  
THE WOODLANDS TOWNSHIP  
The Woodlands, Texas

Sheet Title

Sports Fields  
Site Plan  
Project Limits

Revisions

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Drawing Number

S-1

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# Site Plan Existing Conditions & Layout

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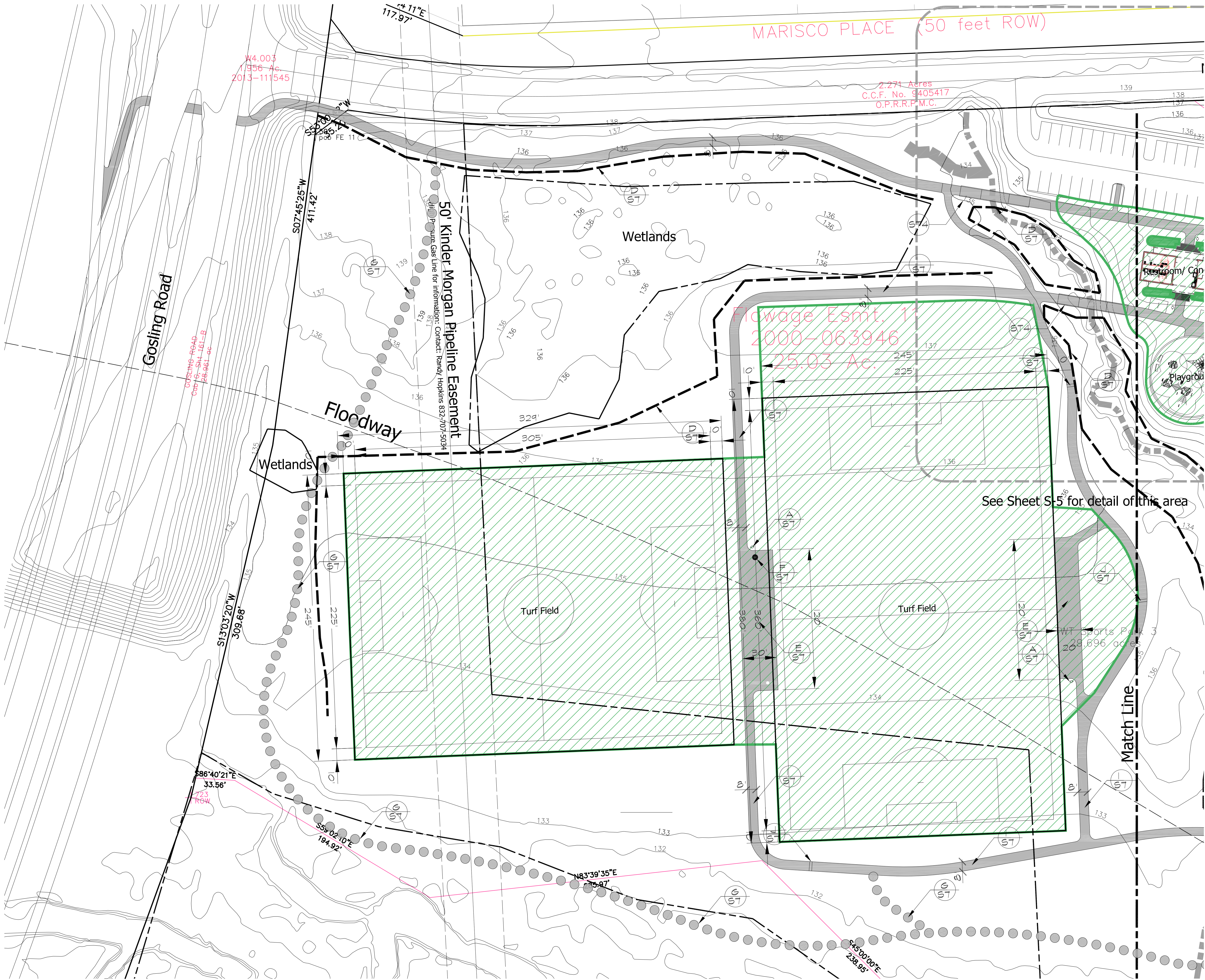
Sheet 3 of 65  
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File SPORT FIELD BASE 100514.DWG



SCALE 1" = 60'-0"

Point Table		
Point #	Northing	Easting
10	874698.8085	3113094.2094
9	874689.1138	3112849.4014
8	874290.6923	3112391.7404
7	874300.3870	3112636.5484
6	874680.0892	3112621.5119
5	874670.3946	3112376.7039
4	874361.0409	3112028.2627
3	874373.8891	3112352.7057
2	874618.6971	3112343.0111
1	874605.8489	3112018.5681





SITE PLAN - EASTERN FIELDS  
SCALE 1" = 40' - 0"

Detail Key

DRAWING NUMBER S-7

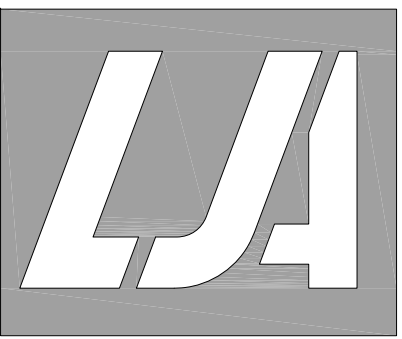
- (A) TRASH CAN
- (B) BIKE RACK
- (C) PLAZA EDGE
- (D) FOREST PROTECTION
- (E) SPECTATOR PAVING
- (F) DRINKING FOUNTAIN
- (G) DECOMPOSED GRANITE PAVING
- (H) PATHWAY RAMP AT PARKING
- (I) CONCRETE PATHWAY
- (J) PATHWAY DRAINAGE GRATE

DRAWING NUMBER S-8

- (A) CONCRETE PLAYGROUND EDGE
- (B) PATHWAY EDGE AT PLAYGROUND
- (C) PLAYGROUND
- (D) 6 FT BENCH IN PLAYGROUND
- (F) ADA PARKING DETAIL
- (G) ADA PARKING SIGN

DRAWING NUMBER ST-4

- (ST4) PEDESTRIAN BRIDGE



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SITE PLAN  
EASTERN FIELDS

Revisions

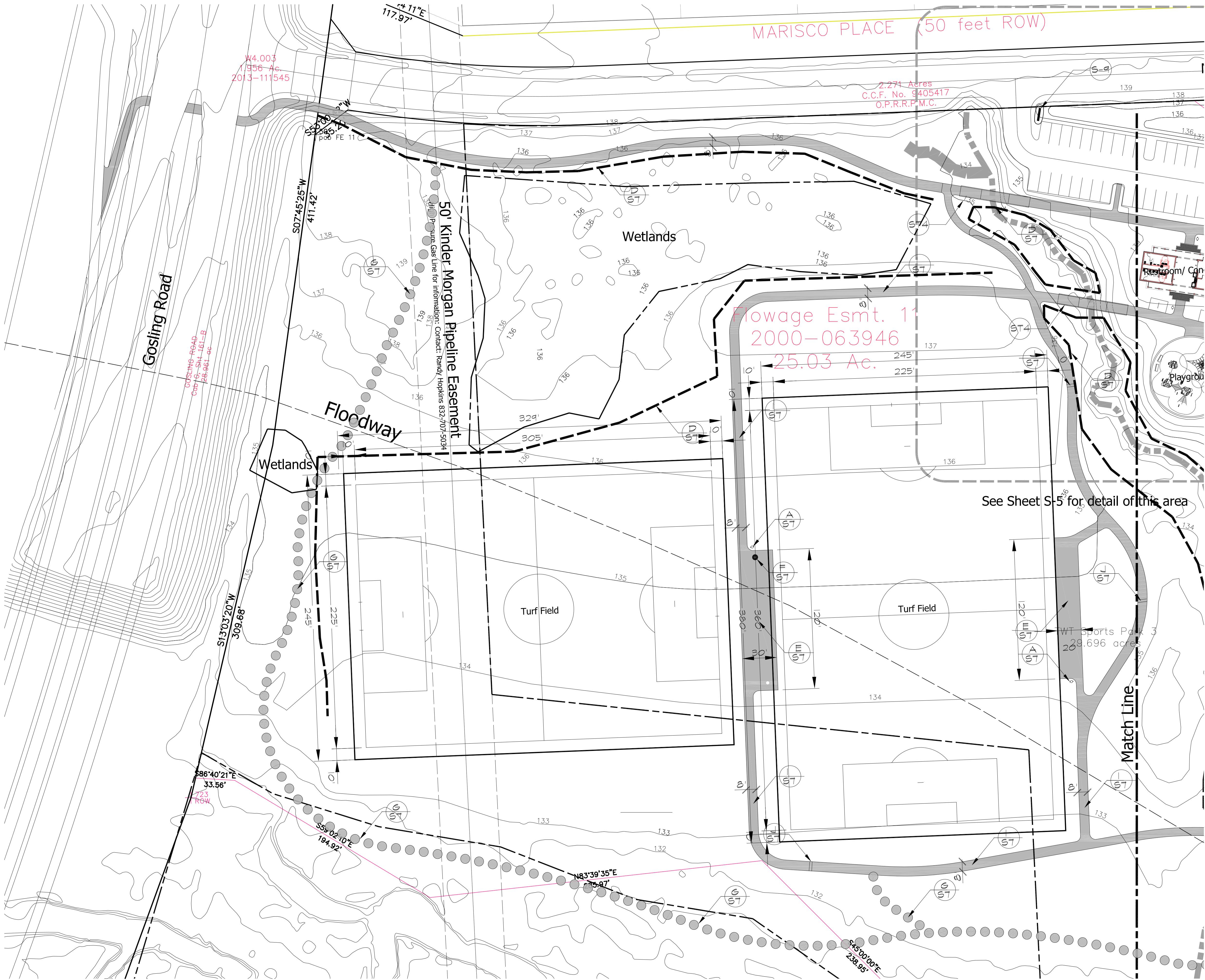
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Drawing Number  
S-3

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SITE PLAN - EASTERN FIELDS  
SCALE 1" = 40'-0"

Detail Key

DRAWING NUMBER S-7

- (A ST) TRASH CAN
- (B ST) BIKE RACK
- (C ST) PLAZA EDGE
- (D ST) FOREST PROTECTION BARRIER FENCING
- (E ST) SPECTATOR PAVING
- (F ST) DRINKING FOUNTAIN
- (G ST) DECOMPOSED GRANITE PAVING
- (H ST) PATHWAY RAMP AT PARKING
- (I ST) CONCRETE PATHWAY
- (J ST) PATHWAY DRAINAGE GRATE

DRAWING NUMBER S-8

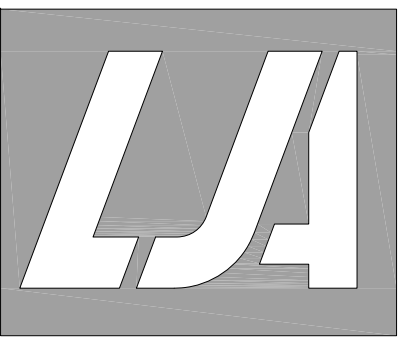
- (A SS) CONCRETE PLAYGROUND EDGE
- (B SS) PATHWAY EDGE AT PLAYGROUND
- (C SS) PLAYGROUND
- (D SS) 6 FT BENCH IN PLAYGROUND
- (F SS) ADA PARKING DETAIL
- (G SS) ADA PARKING SIGN

DRAWING NUMBER S-9

- (S-9) PARK SIGN

DRAWING NUMBER ST-4

- (ST4) PEDESTRIAN BRIDGE



Gosling Road  
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SITE PLAN  
EASTERN FIELDS

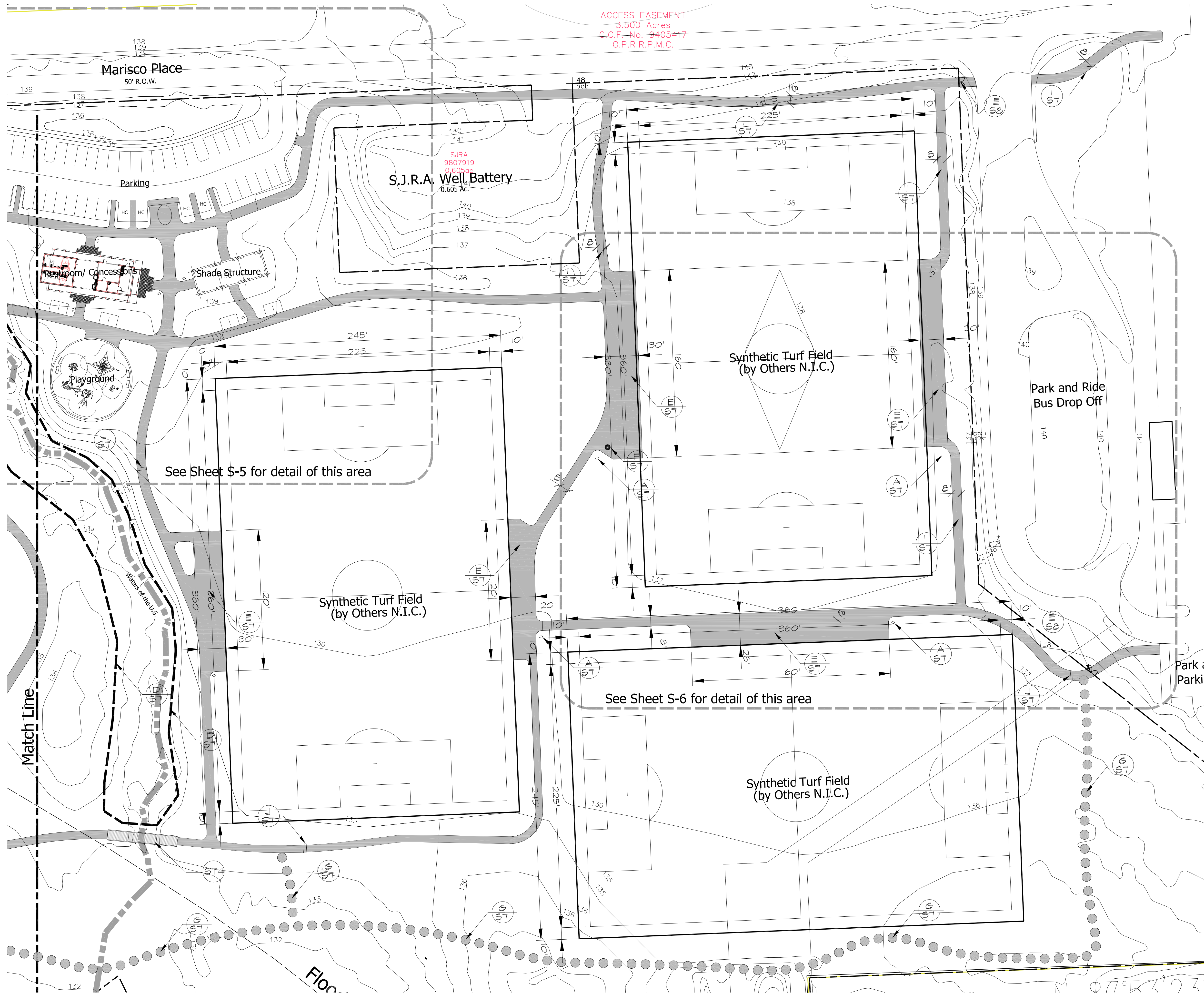
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Drawing Number  
S-3





ACCESS EASEMENT  
3.500 Acres  
C.C.F. No. 9405417  
O.P.R.R.P.M.C.

S.J.R.A.  
9807919  
0.605 AC.

Detail Key

DRAWING NUMBER S-7

- (A S7) TRASH CAN
- (B S7) BIKE RACK
- (C S7) PLAZA EDGE
- (D S7) FOREST PROTECTION BARRIER FENCING
- (E S7) SPECTATOR PAVING
- (F S7) DRINKING FOUNTAIN
- (G S7) DECOMPOSED GRANITE PAVING
- (H S7) PATHWAY RAMP AT PARKING
- (I S7) CONCRETE PATHWAY
- (J S7) PATHWAY DRAINAGE GRATE

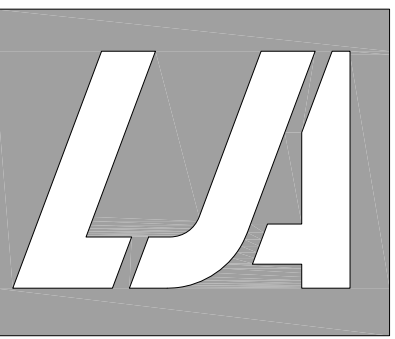
DRAWING NUMBER S-8

- (A S8) CONCRETE PLAYGROUND EDGE
- (B S8) PATHWAY EDGE AT PLAYGROUND
- (C S8) PLAYGROUND
- (D S8) 6 FT BENCH IN PLAYGROUND
- (E S8) DOUBLE SWING GATE
- (F S8) ADA PARKING DETAIL
- (G S8) ADA PARKING SIGN

DRAWING NUMBER ST-4

- (ST4) PEDESTRIAN BRIDGE

SITE PLAN - EASTERN FIELDS  
SCALE 1" = 40'-0"



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Sheet Title

SITE PLAN  
EASTERN FIELD

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# Detailed Site Plan - Parking, Restroom Shade Structure & Playground

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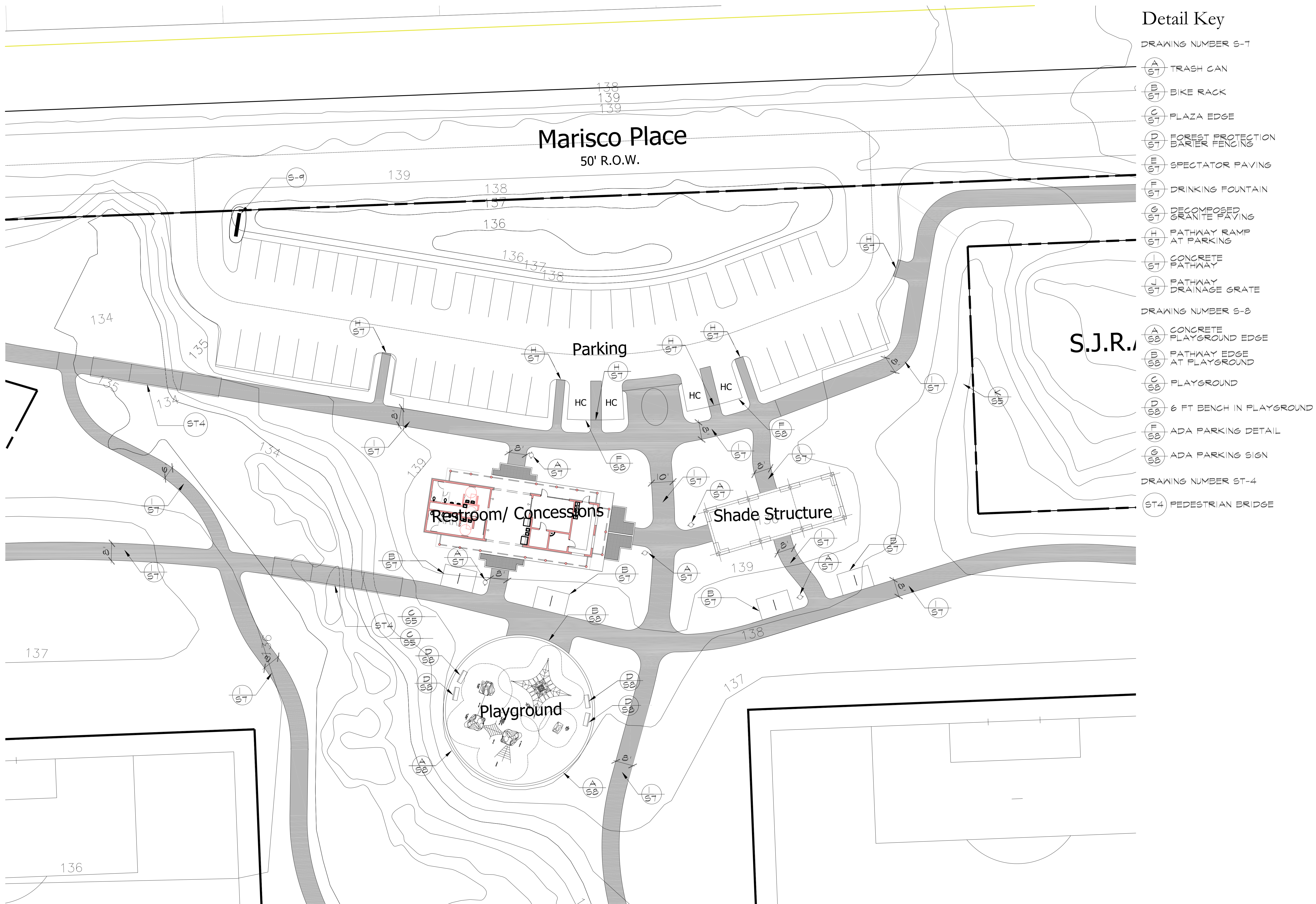
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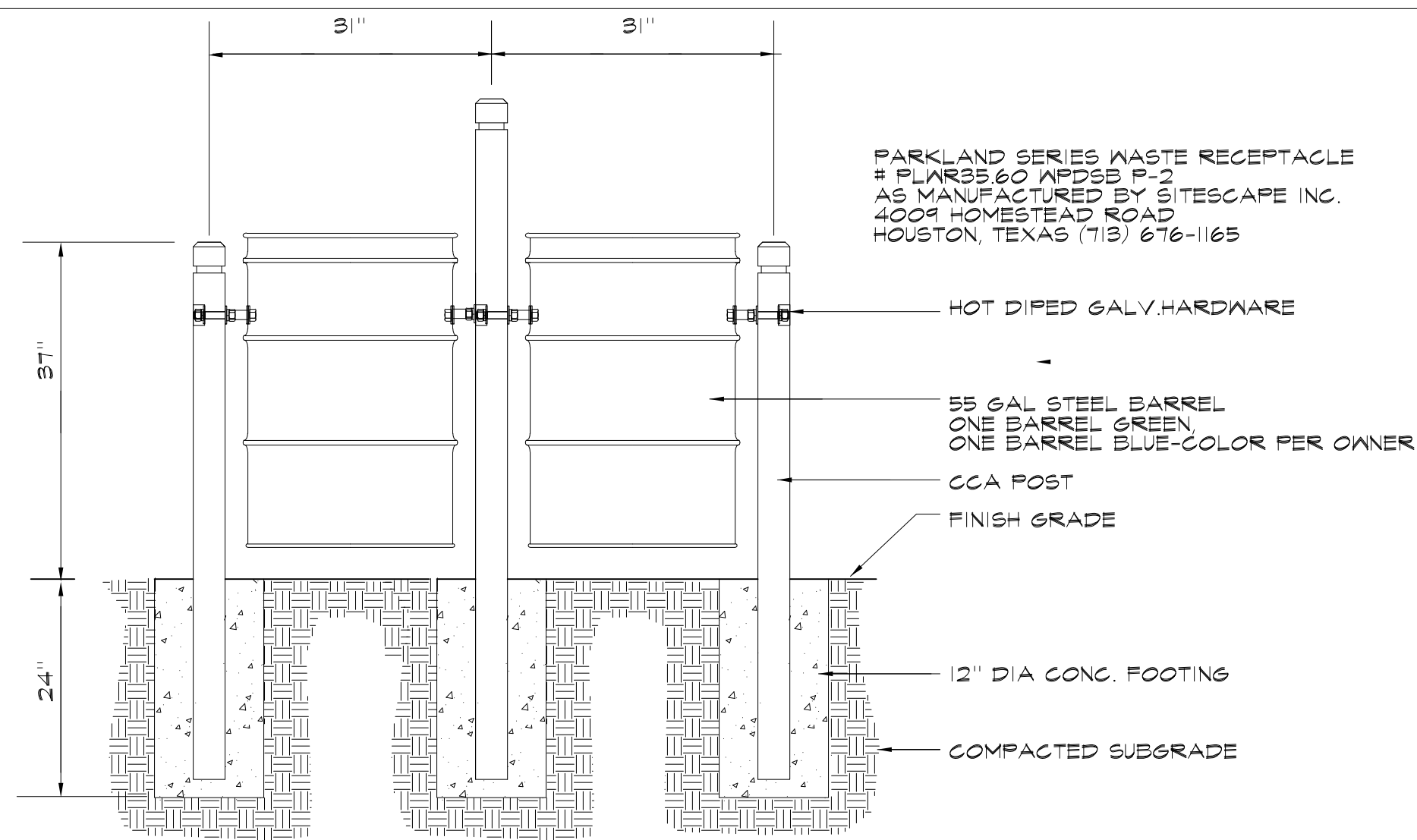


DETAILED SITE PLAN  
SCALE 1" = 20'-0"

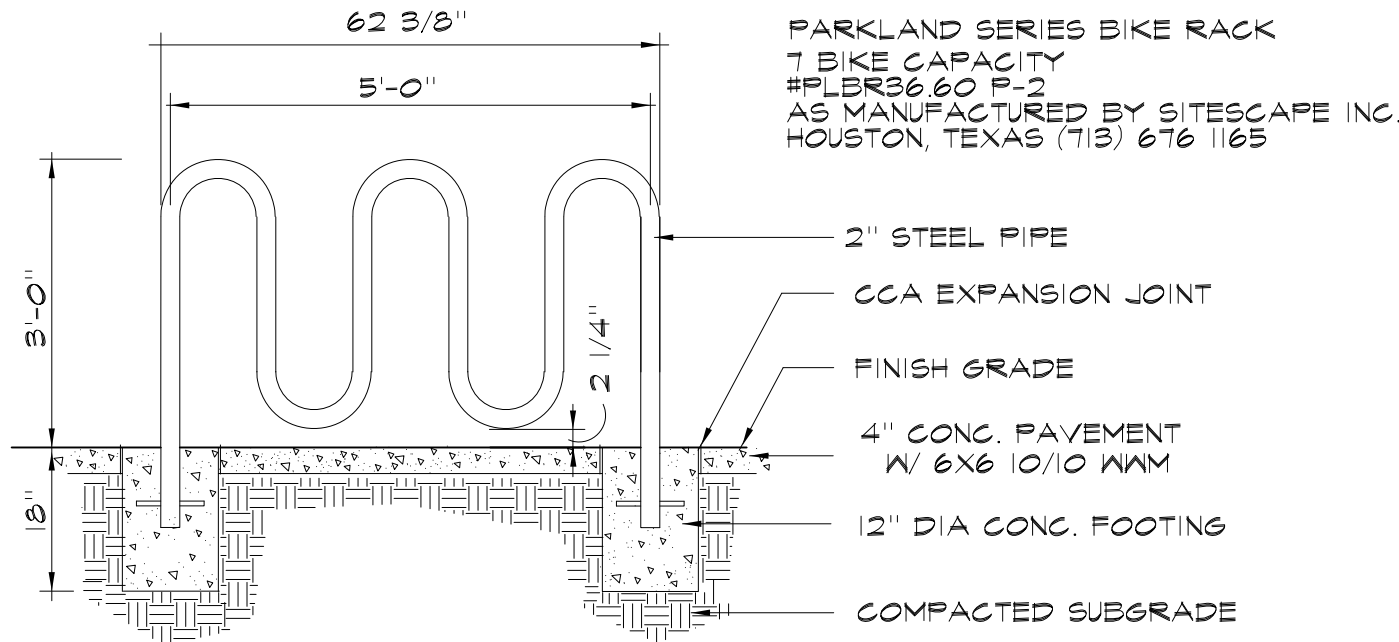




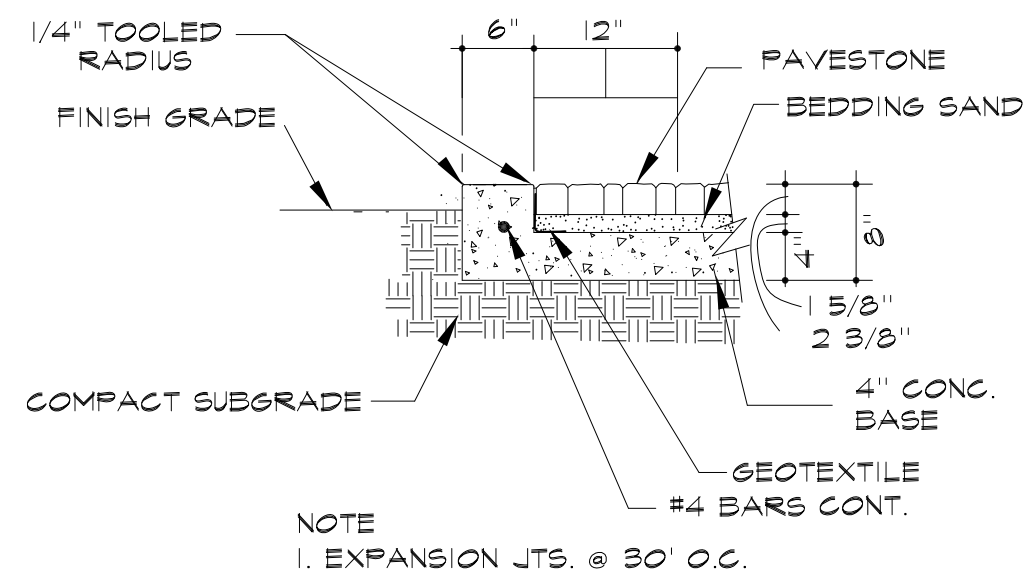




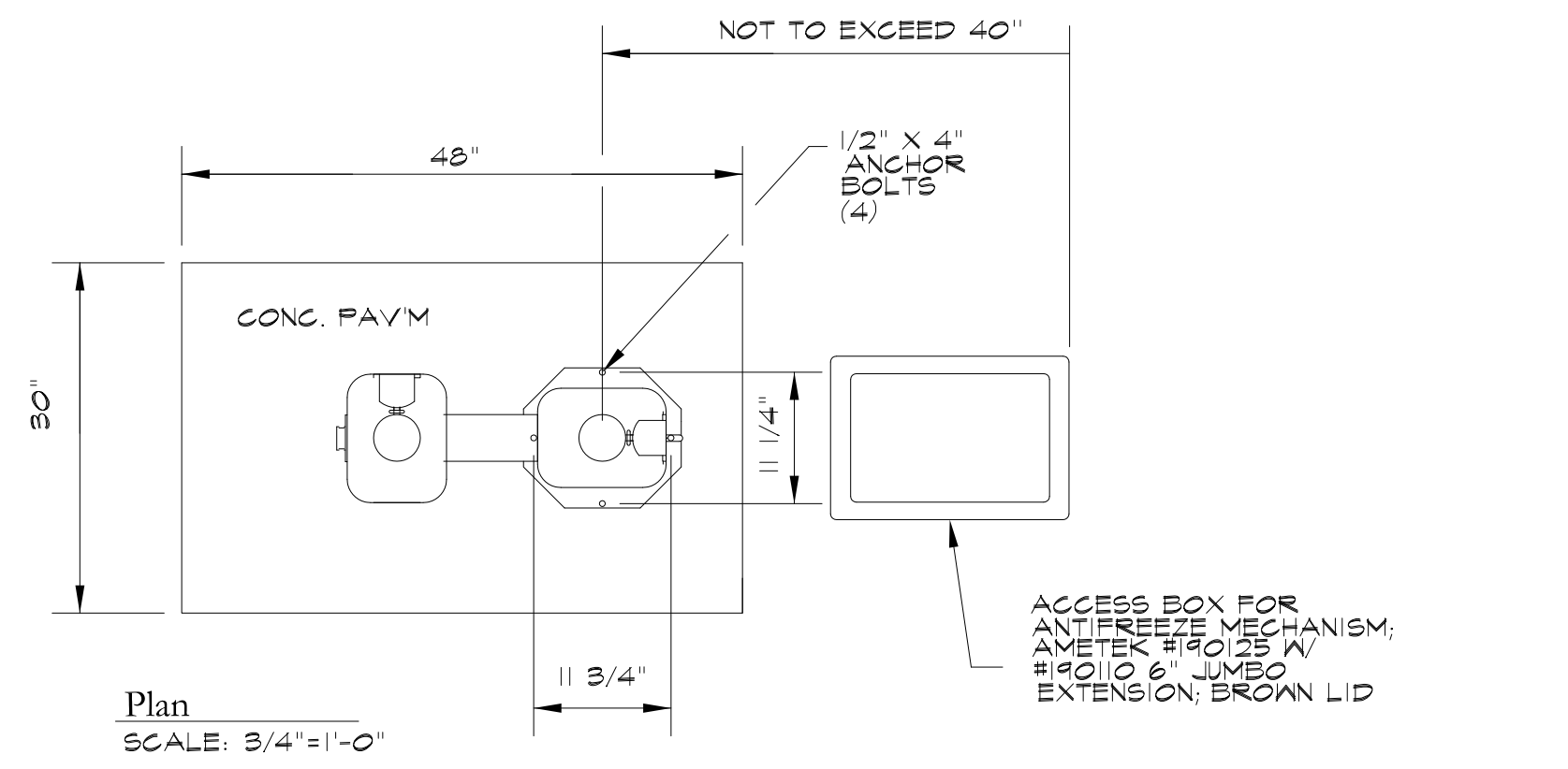
**A** TRASH/RECYCLING CAN  
SCALE: 3/4"=1'-0"



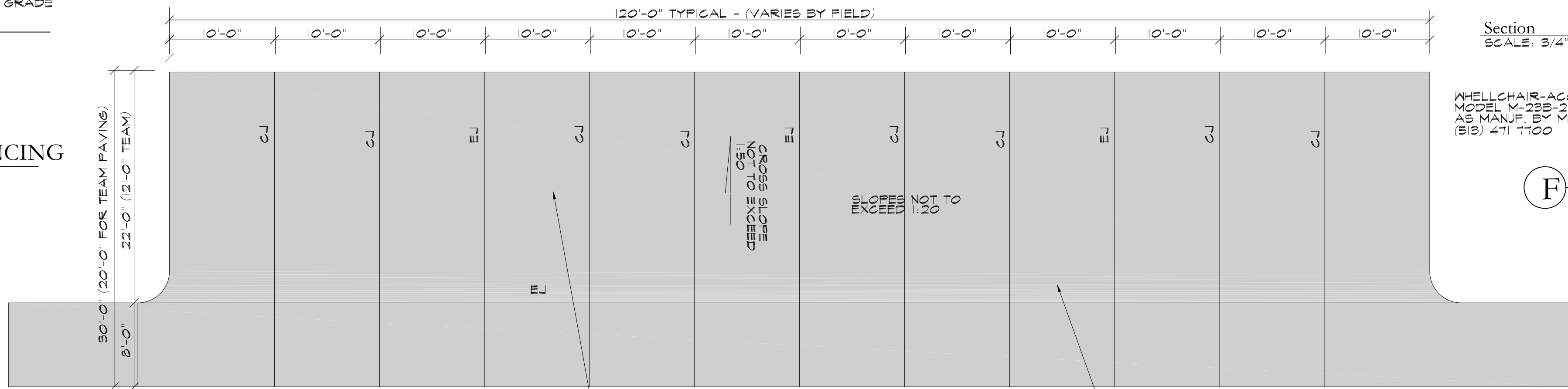
**B** BIKE RACK  
SCALE: 1/2"=1'-0"



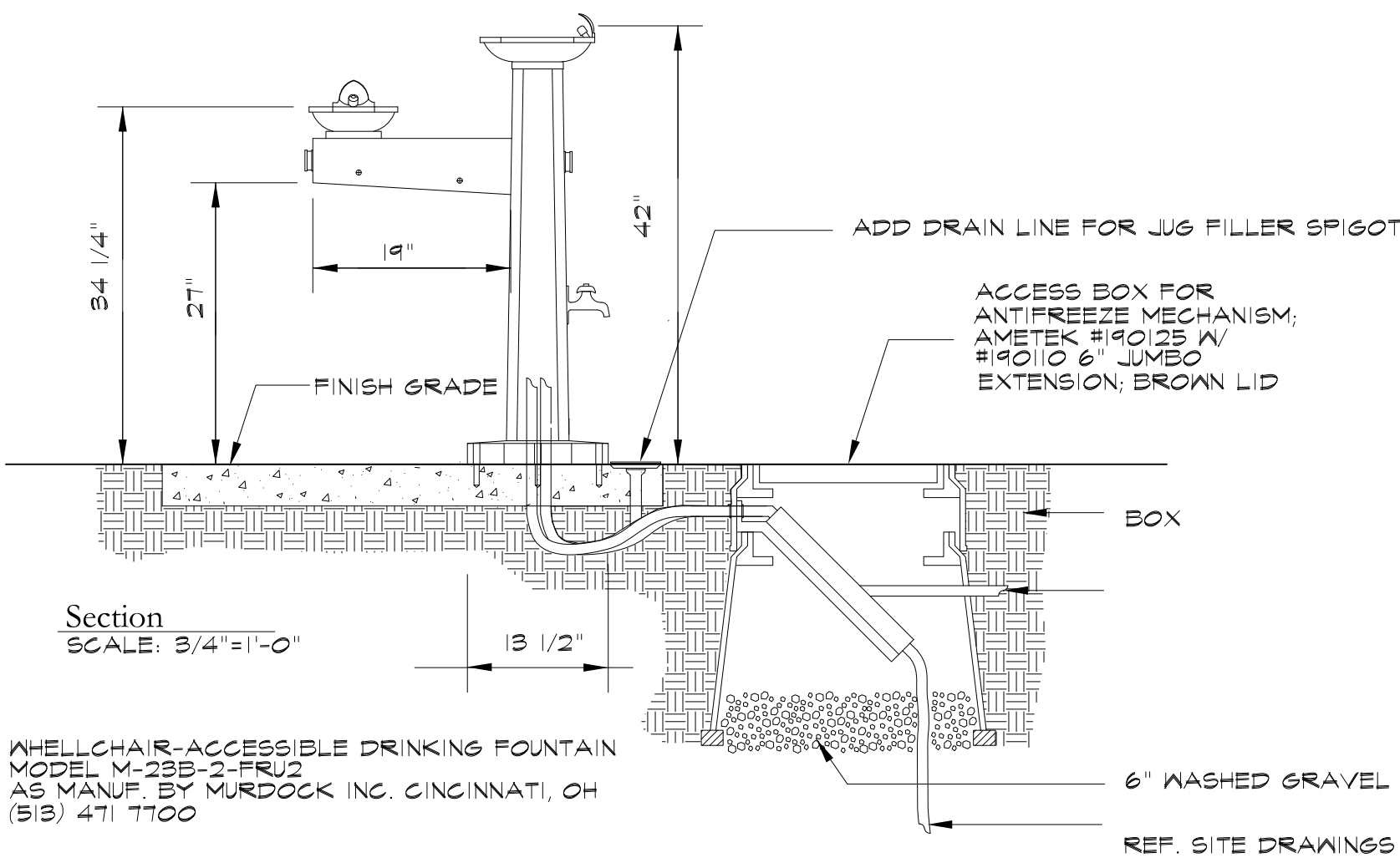
**C** PLAZA EDGE  
SCALE: 3/4"=1'-0"



**D** FOREST PROTECTION BARRIER FENCING  
NO SCALE

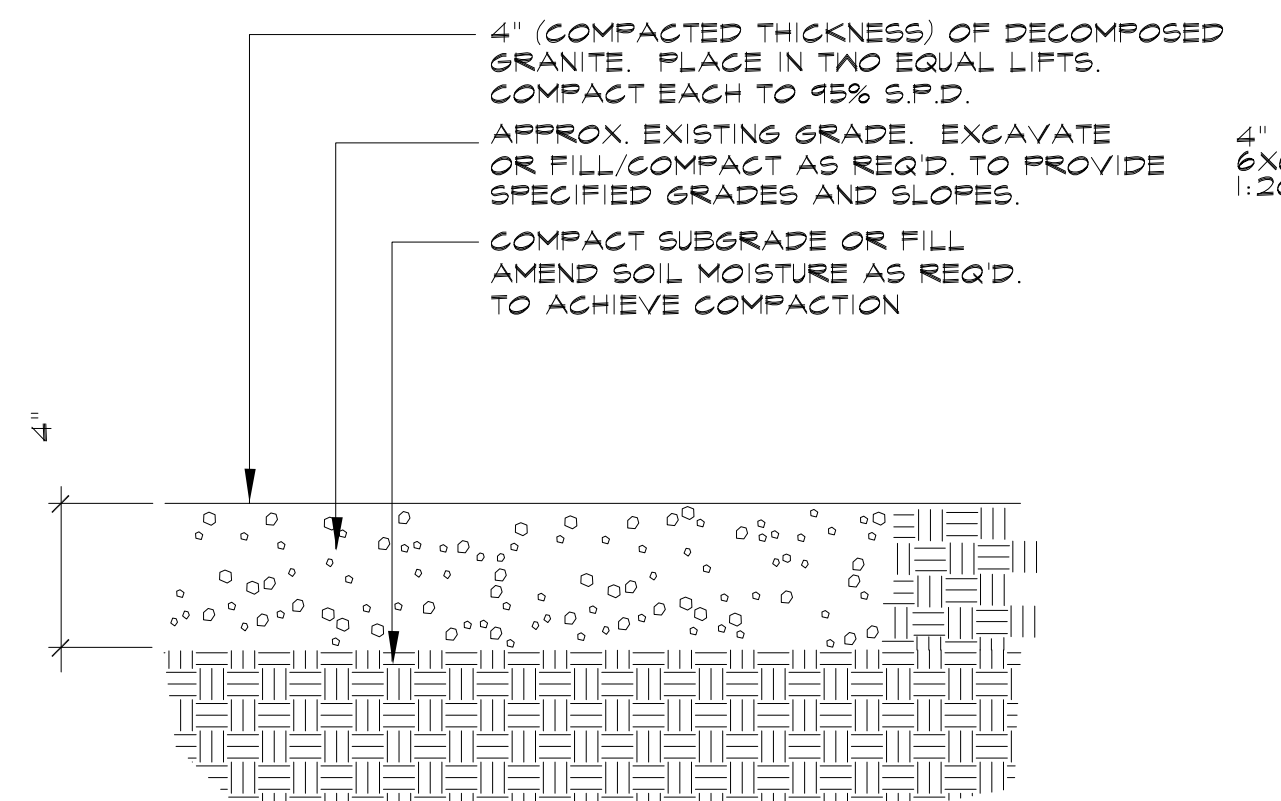


**E** SPECTATOR PAVING  
SCALE: 1/8"=1'-0"

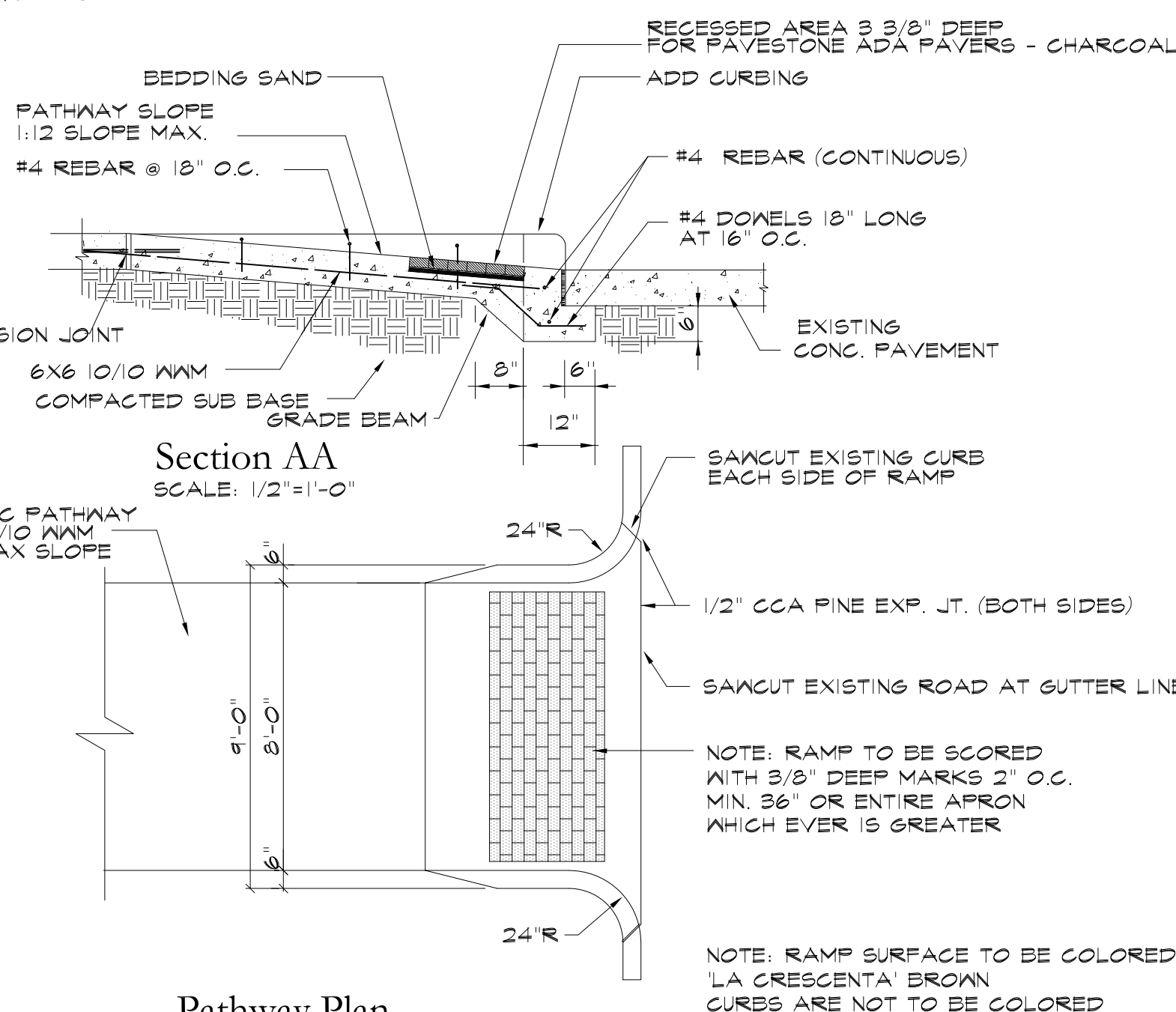


**F** DRINKING FOUNTAIN  
SCALE: 3/4"=1'-0"

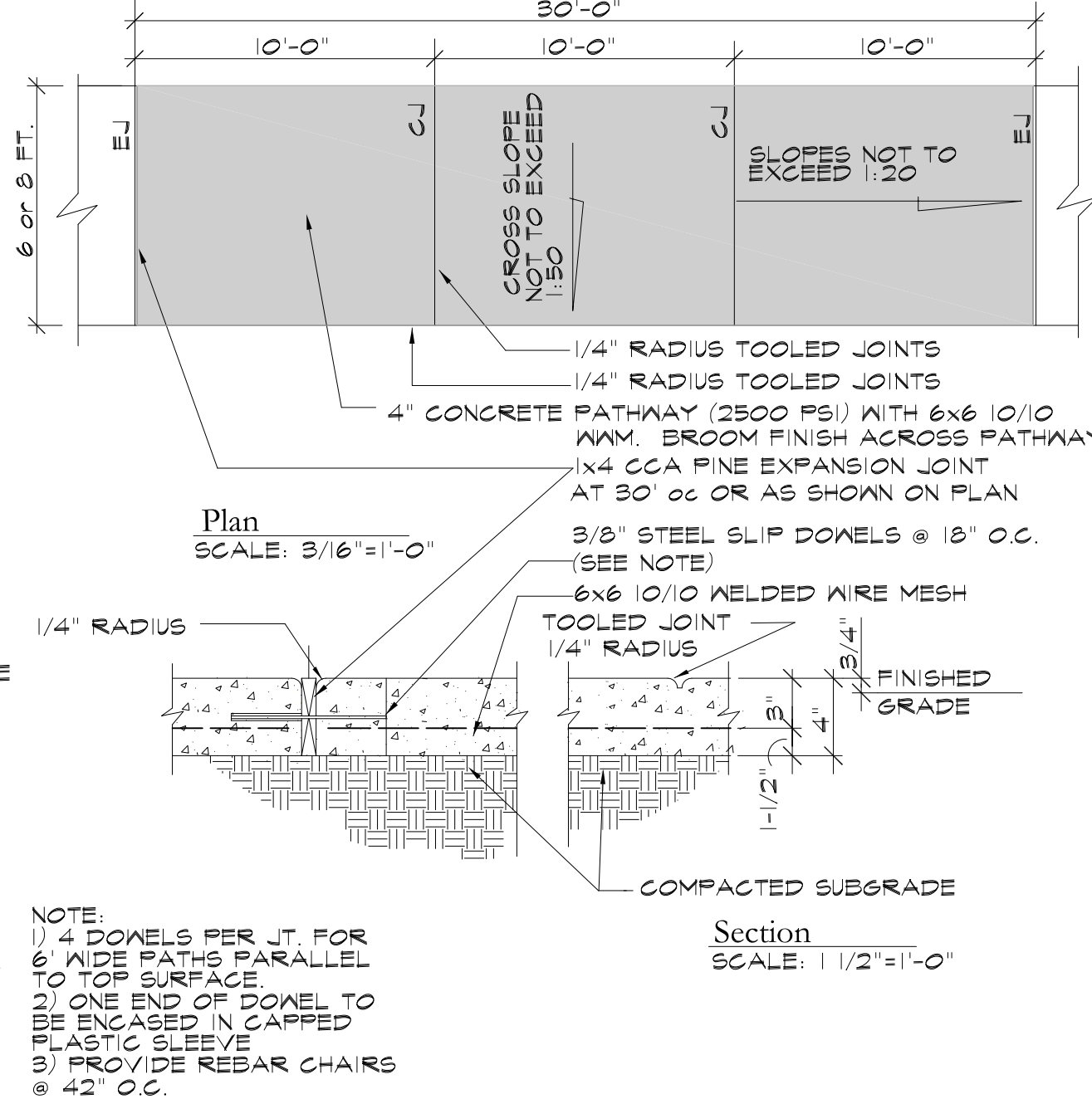
NOTES:  
1. ACHIEVE COMPACTION WITH MECHANICAL ROLLING OR VIBRATORY COMPACTION EQUIPMENT.  
2. HAND-TAMP ALONG EDGES, COLUMNS & FURNISHINGS.  
3. MODIFY MOISTURE CONTENT OF D.S. AS REQ'D. TO ACHIEVE COMPACTION.  
4. FINAL GRADES SHALL NOT VARY MORE THAN 1/2" FROM SPECIFIED GRADE & THICKNESS.  
5. CONTRACTOR SHALL REMOVE ALL AGGREGATES LARGER THAN 3/8" FROM FINISHED SURFACE.  
6. WIDTH OF TRAIL VARIES FROM 4'-0" TO 6'-0" AS APPROPRIATE TO THE TERRAIN.



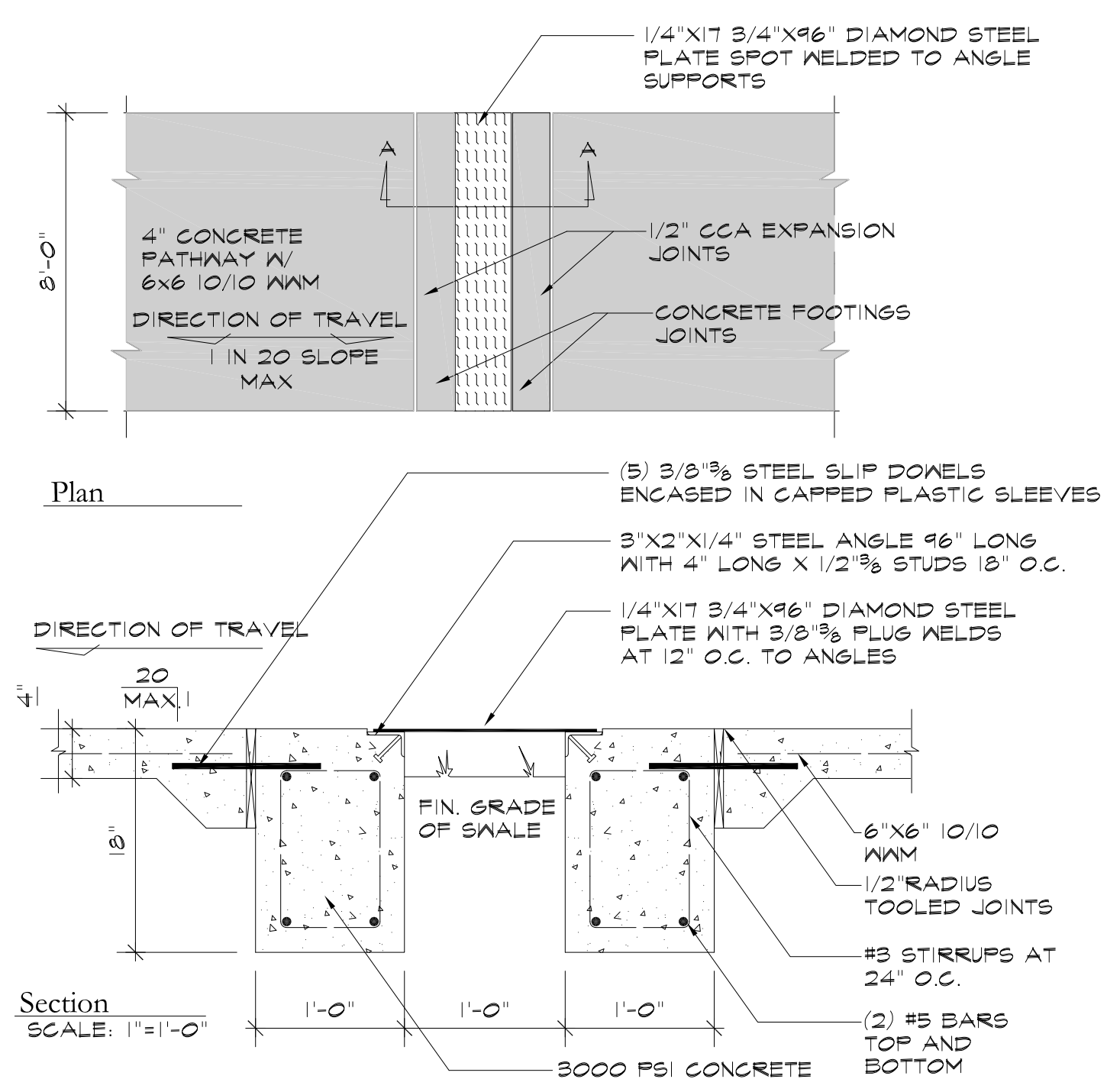
**G** DECOMPOSED GRANITE PAVING  
SCALE: 1-1/2"=1'-0"



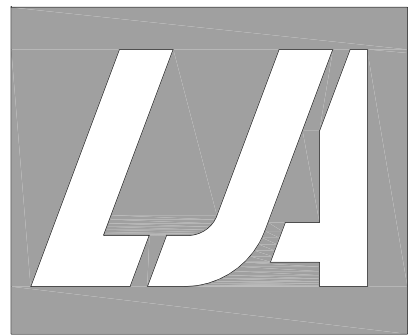
**H** PATHWAY RAMP AT PARKING  
SCALE: 3/4"=1'-0"



**I** CONCRETE PATHWAY  
SCALE: AS NOTED



**J** PATHWAY DRAINAGE GRATE  
SCALE: 3/4"=1'-0"



# Gosling Road Sports Fields

THE WOODLANDS TOWNSHIP  
The Woodlands, Texas

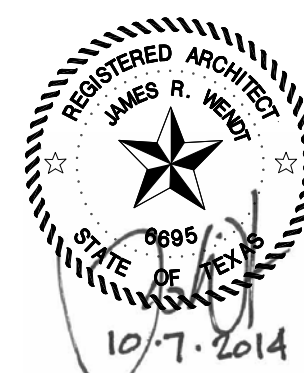
Sheet Title

## Sitework Details - Pathways, Plaza, & Site Furnishings

Revisions

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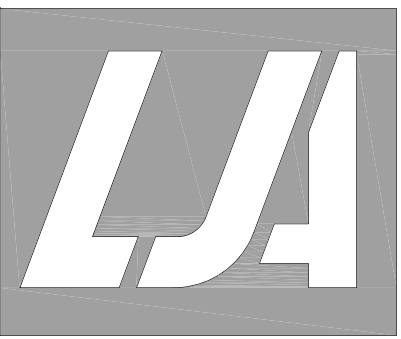


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**S-7**

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Date OCT 1 2014  
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File: GOSLING SPORTS FIELDS SITE DETAILS 3.DWG





Gosling Road  
Sports Fields  
THE WOODLANDS TOWNSHIP  
The Woodlands, Texas

Sheet Title

Sitework Details -  
Playground, Gate &  
Parking Details

Revisions

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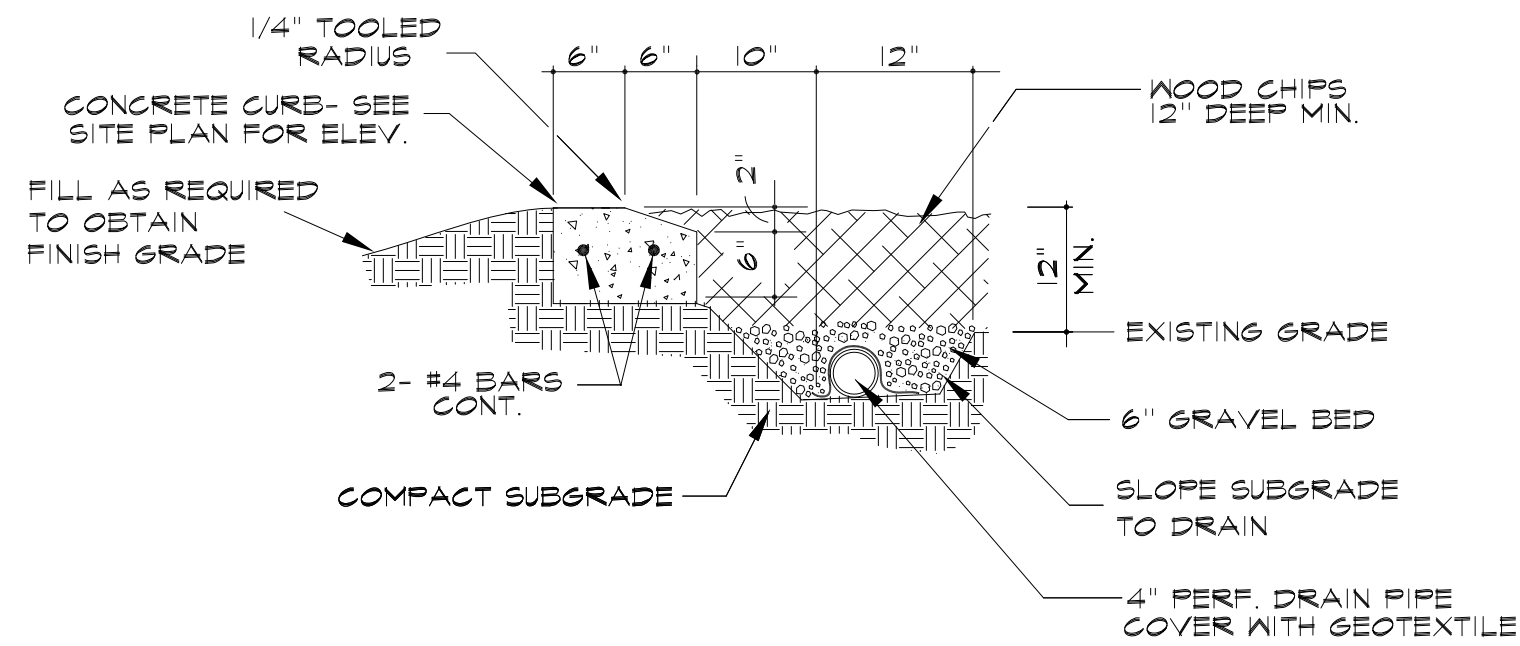
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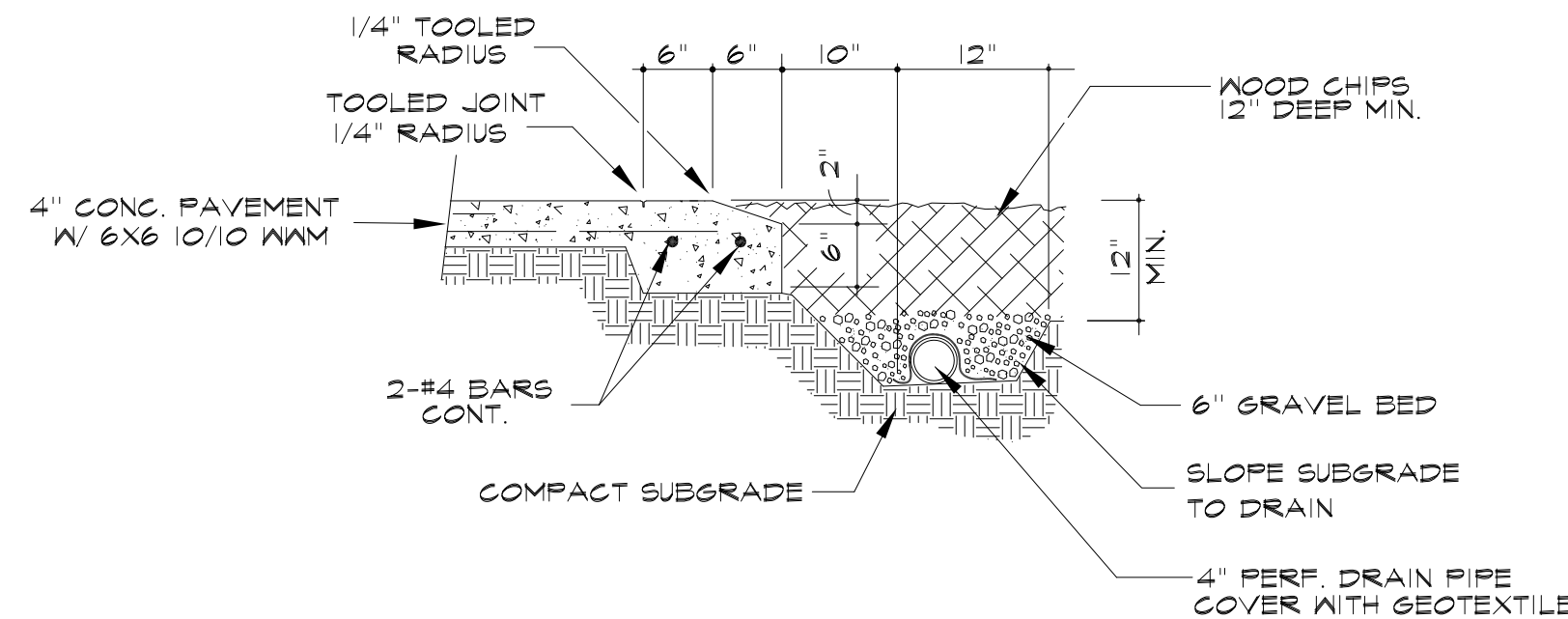
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File: GOSLING SPORTS FIELDS SITE DETAILS 9.DWG



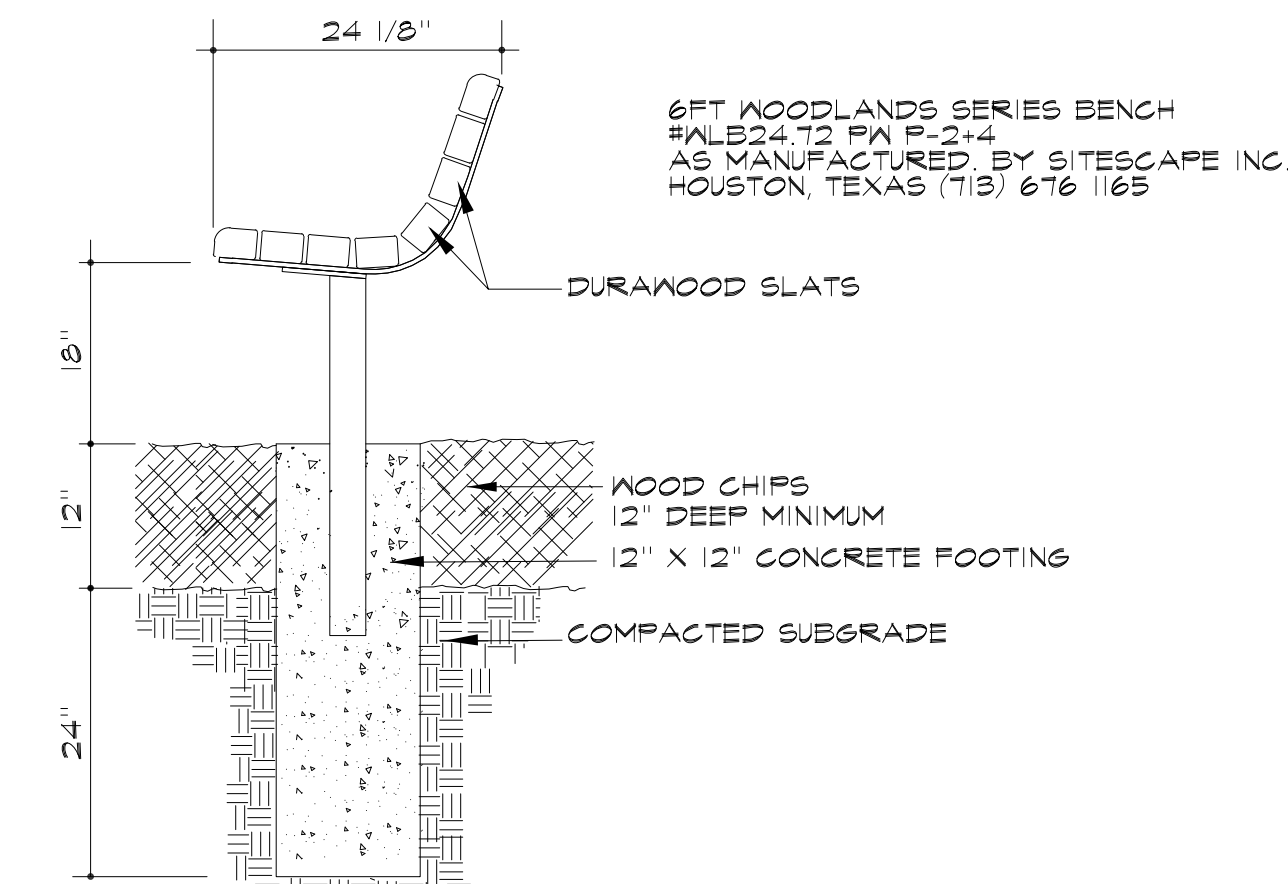
- NOTES
1. EXPANSION JOINTS @ 30' O.C.
  2. REF. TO SITE PLAN FOR LOCATION OF DRAIN LINES AND SPECIFIC FLOW LINE ELEV.
  3. WHERE EXIST. GRADE IS LOWER THAN 12" BELOW TOP OF WOOD MULCH SURFACE, ADD WOOD MULCH AS REQ'D. TO MEET FIN. GRADE. OVERALL DEPTH AT SOME LOCATIONS MAY BE DEEPER THAN 12".
  4. SLOPE PERERATED DRAIN LINE TO PROVIDE POSITIVE DRAINAGE. GRAVEL; BED MAY NEED TO BE DEEPER THAN 6" IN SOME LOCATIONS.

**A** CONCRETE PLAYGROUND EDGE - SECTION A  
SCALE: 3/4" = 1' - 0"

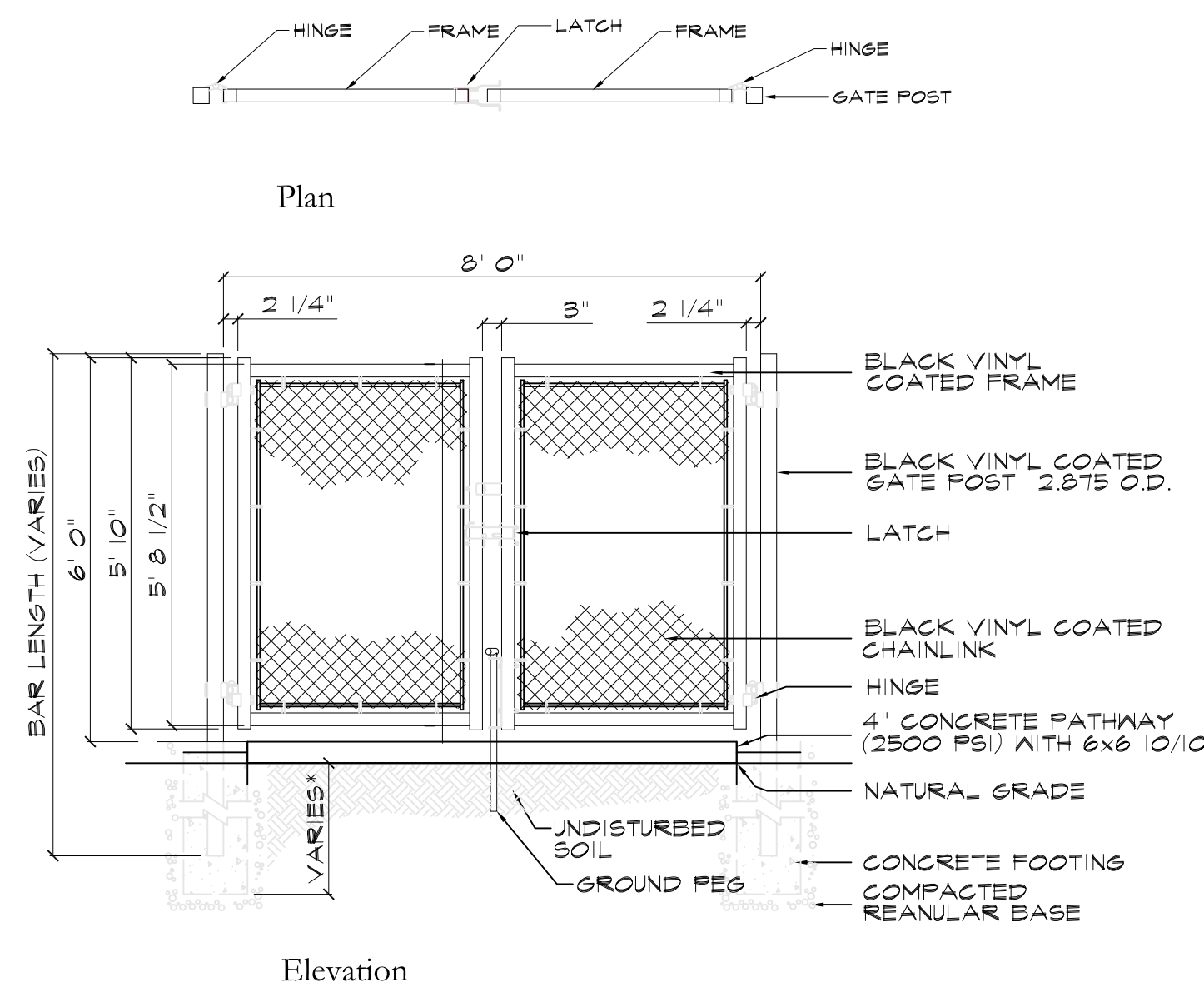


- NOTES
1. EXPANSION JTS. @ 30' O.C.
  2. REF. TO SITE PLAN FOR LOCATION OF DRAIN LINES AND SPECIFIC FLOW LINE ELEV.
  3. WHERE EXIST. GRADE IS LOWER THAN 12" BELOW TOP OF WOOD MULCH SURFACE, ADD WOOD MULCH AS REQ'D. TO MEET FIN. GRADE. OVERALL DEPTH AT SOME LOCATIONS MAY BE DEEPER THAN 12".
  4. SLOPE PERF. DRAIN LINE TO PROVIDE POSITIVE DRAINAGE. GRAVEL BED MAY NEED TO BE DEEPER THAN 6" IN SOME LOCATIONS.

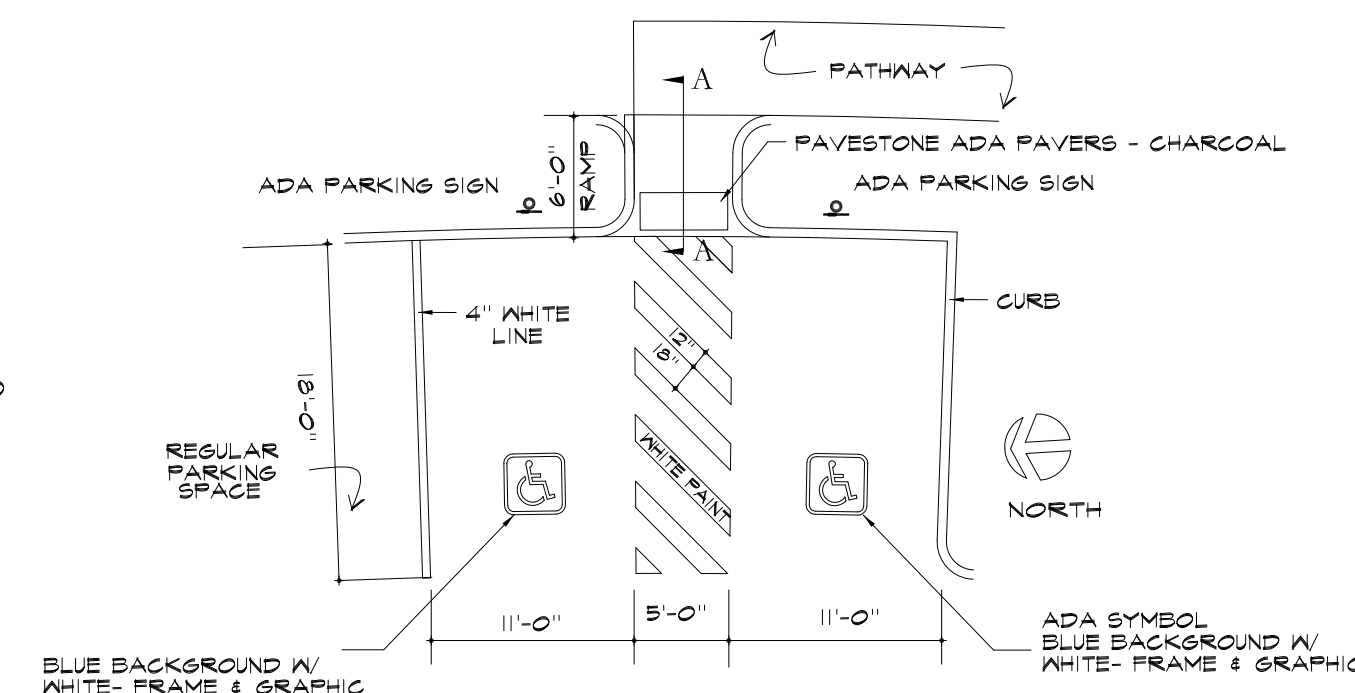
**B** PATHWAY EDGE AT PLAYGROUND- SECTION B  
SCALE: 3/4" = 1' - 0"



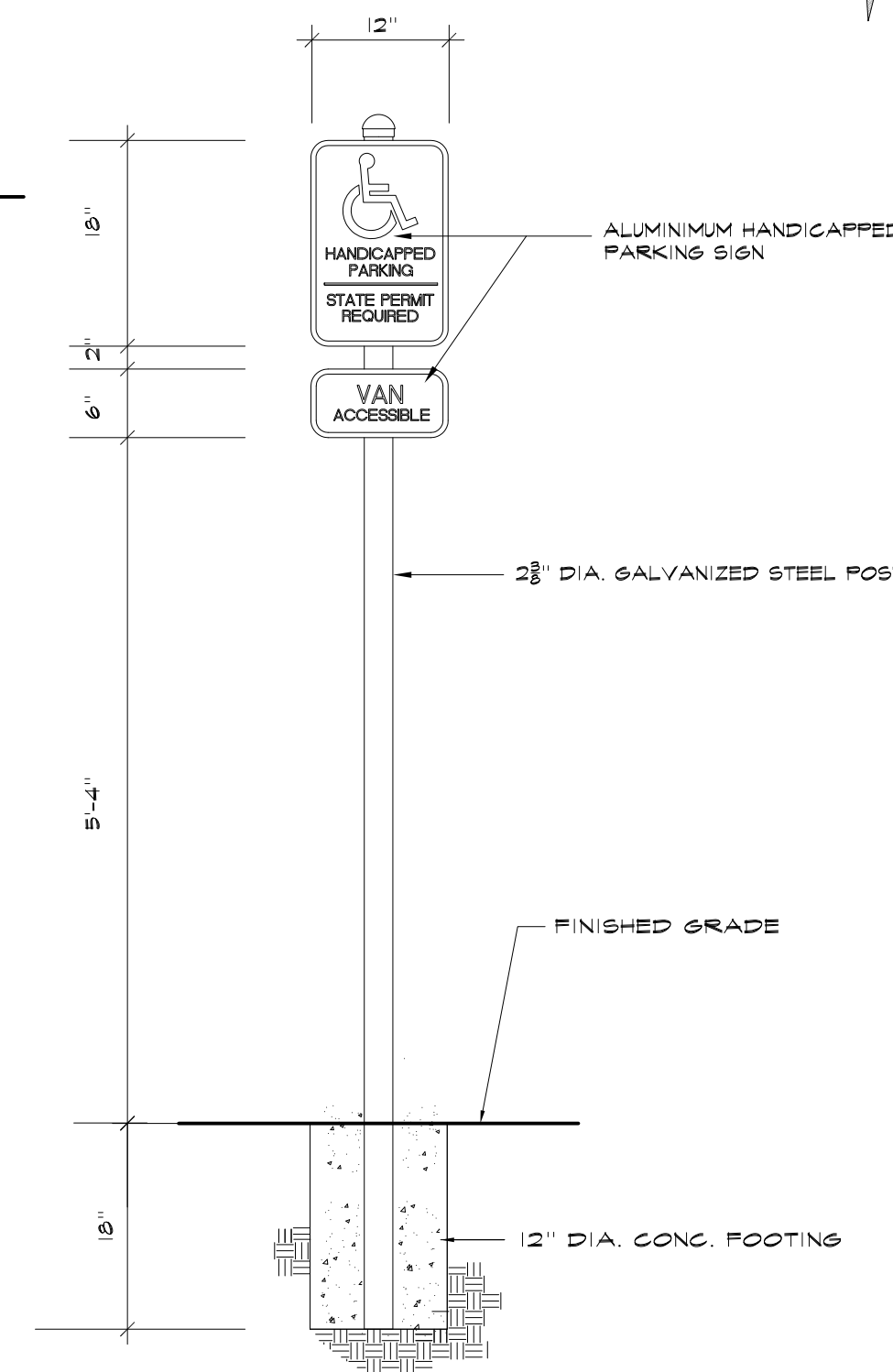
**D** 6 FT BENCH IN PLAYGROUND  
SCALE: 3/4" = 1' - 0"



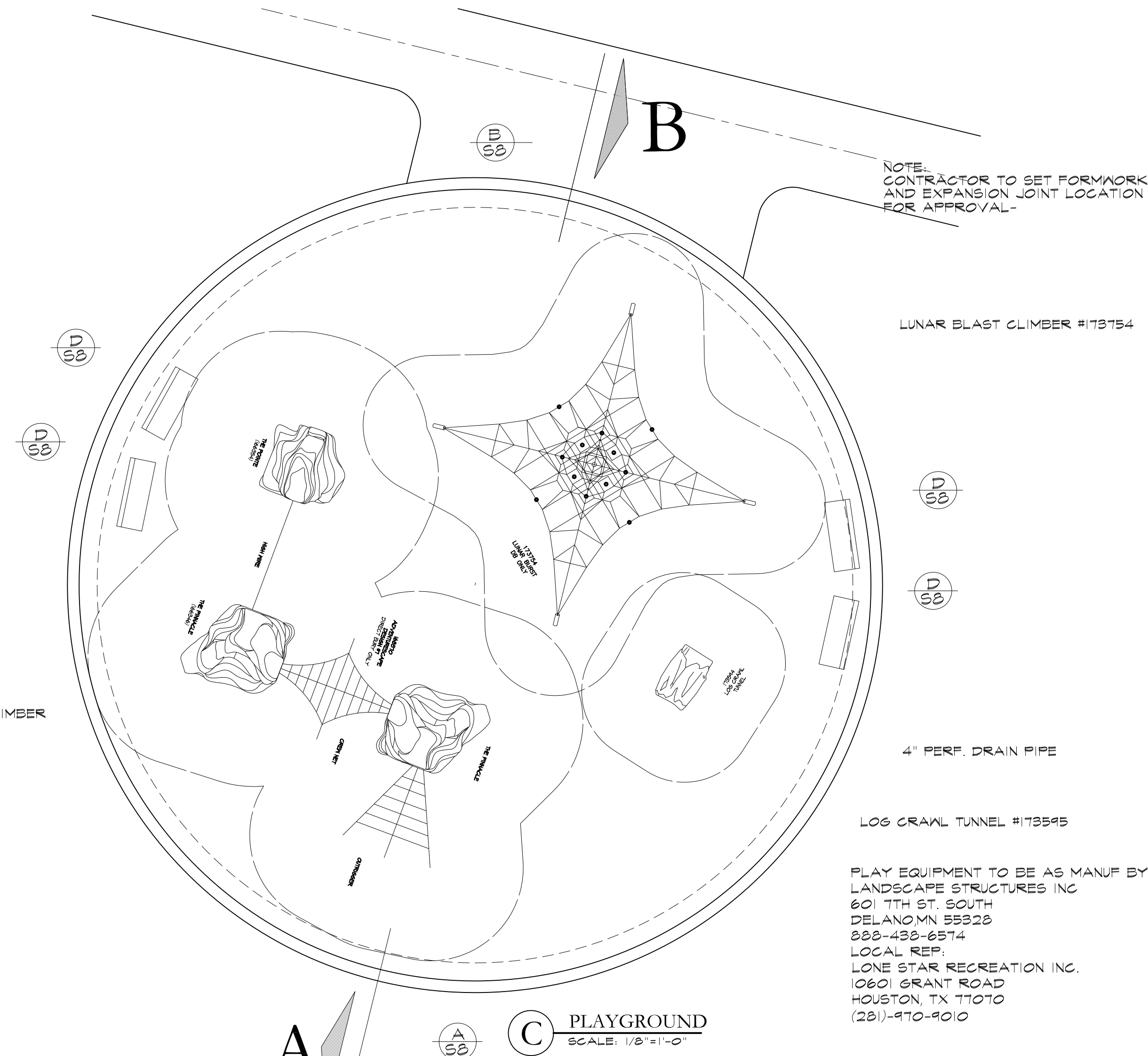
**E** DOUBLE SWING GATE  
SCALE: 1/2" = 1' - 0"



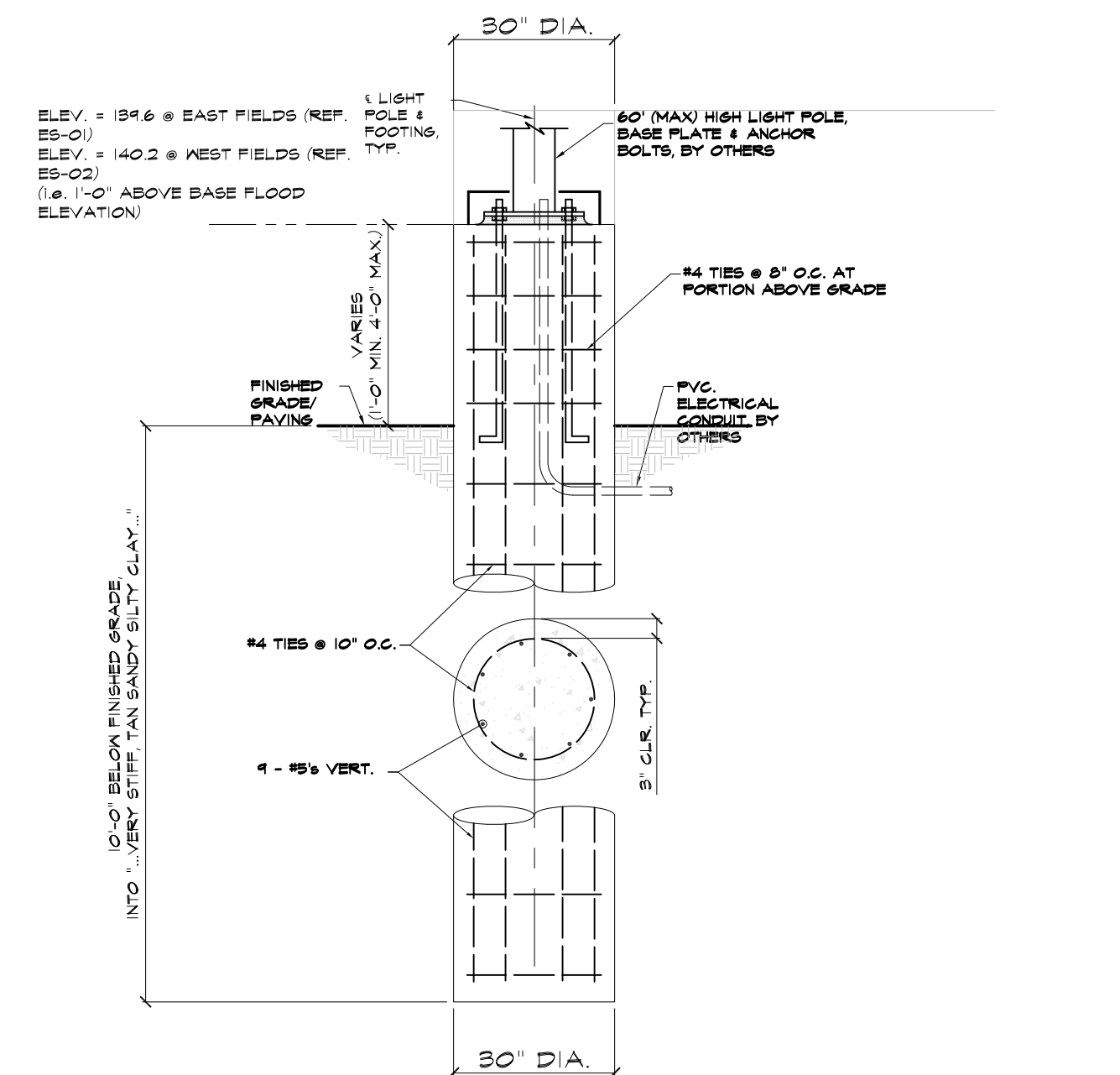
**F** ADA PARKING AT PARKING LOT  
SCALE: 1/8" = 1' - 0"



**G** ADA PARKING SIGN  
SCALE: 3/4" = 1' - 0"



**C** PLAYGROUND  
SCALE: 1/8" = 1' - 0"



**H** TYP. STRAIGHT SHAFT DETAIL FOR LIGHT POLE  
SCALE: 1/2" = 1' - 0"



1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION & SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
2. SEE ARCHITECTURAL OR CIVIL DRAWINGS FOR DIMENSION NOT SHOWN ON STRUCTURAL DRAWINGS.
3. CONTRACTOR SHALL PROVIDE PROPER ADHERENCE BETWEEN VENEER & CONCRETE SURFACE PER MANUFACTURER'S RECOMMENDATION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION METHODS AND THE STABILITY OF ALL STRUCTURES DURING CONSTRUCTION.
5. CONTRACTOR SHALL COORDINATE AND VERIFY ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
6. CONTRACTOR SHALL REFER TO THE PROJECT GEOTECHNICAL REPORT TO FAMILIARIZE HIMSELF WITH SUBSURFACE CONDITIONS AND TO RESUME COMPLIANCE WITH RECOMMENDATIONS FOR SITE PREPARATION.

1. DESIGN IS BASED ON THE BUILDING CODE REQUIREMENT FOR REINFORCED CONCRETE (ACI 318-01).
2. ALL CONCRETE SHALL BE NORMAL WEIGHT TYPE I PORTLAND CEMENT WITH MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS NOT BE LESS THAN 3000 PSI.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60.

BAR SIZE	MIN. LAP LENGTH		MIN. EMBEDMENT LENGTH		
	TOP BAR	OTHER	TOP BAR	OTHER	HOOK
#4	32	25	25	19	9
#5	40	31	31	24	12
#6	48	37	37	28	14

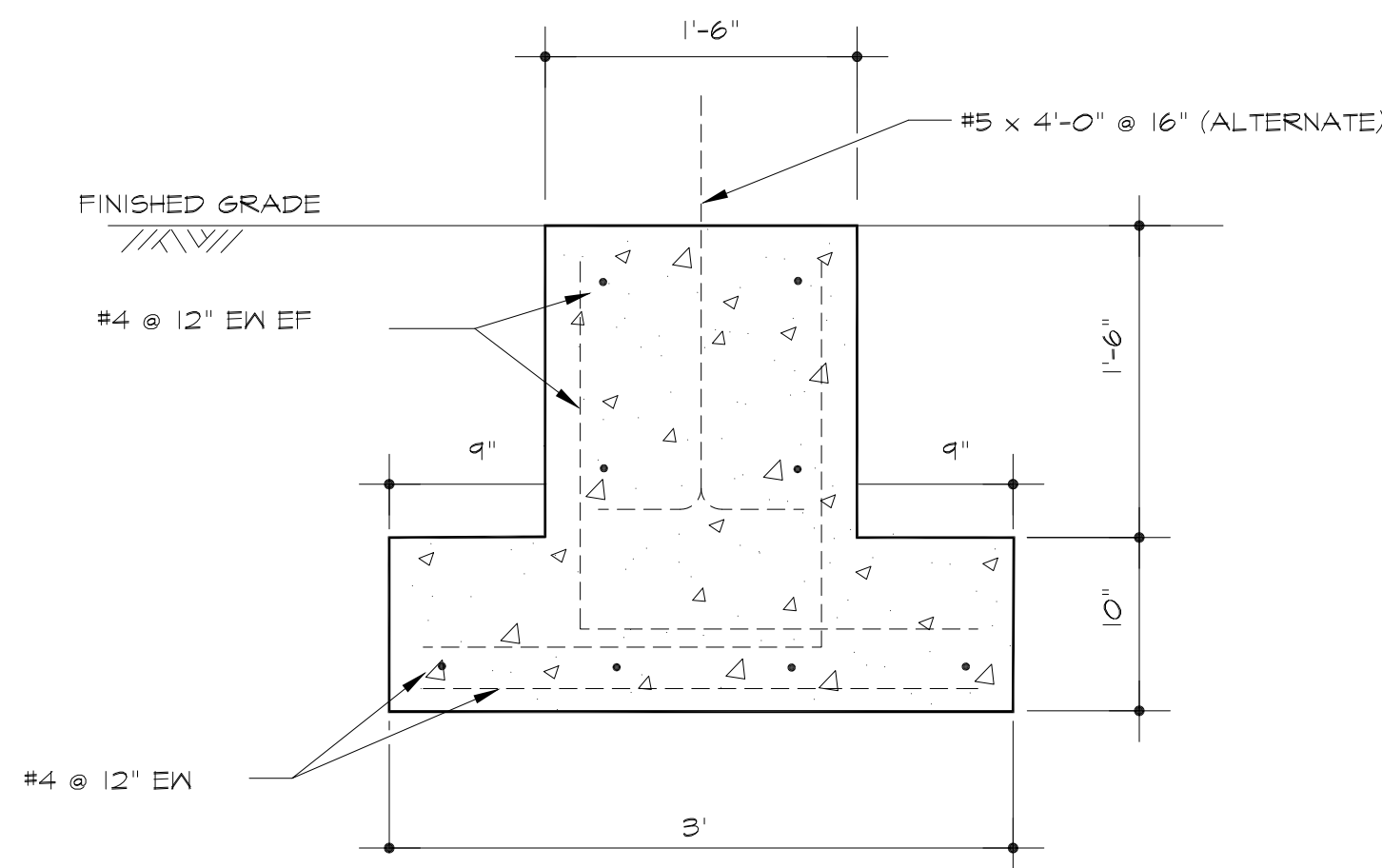
5. CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS UNLESS OTHERWISE INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.

FOOTINGS:	
TOP AND FORMED SIDES	2"
BOTTOM AND UNFORMED SIDES	3"

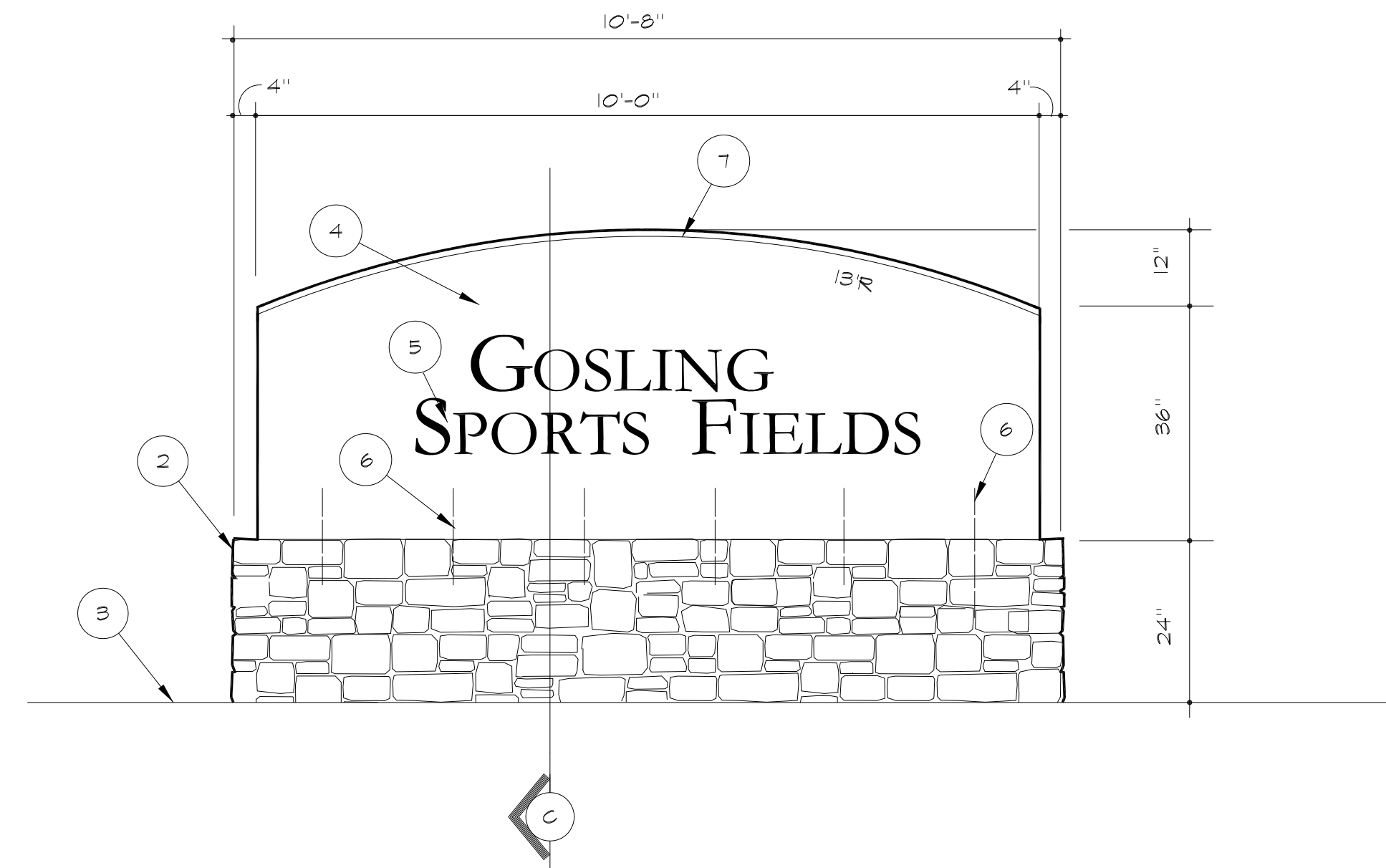
BEAMS AND GIRDERS:	
STIRRUPS	2"
PRINCIPAL REINFORCEMENT	2½"

8. ALL EXPOSED EDGES SHALL BE CAST WITH 3/4" CHAMFER.

1. ALL FOUNDATIONS SHALL BE CONSTRUCTED IN EXCAVATIONS FREE OF STANDING WATER.
2. FOUNDATION SLAB SHALL BEAR ON NOT LESS THAN 2500 PSF UNDISTURBED SOIL. COMPACTION SHALL BE REQUIRED FOR ANY CONDITION NOT MEETING THE ABOVE BEARING CAPACITY.
3. PLACING AND COMPACTION OF BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.

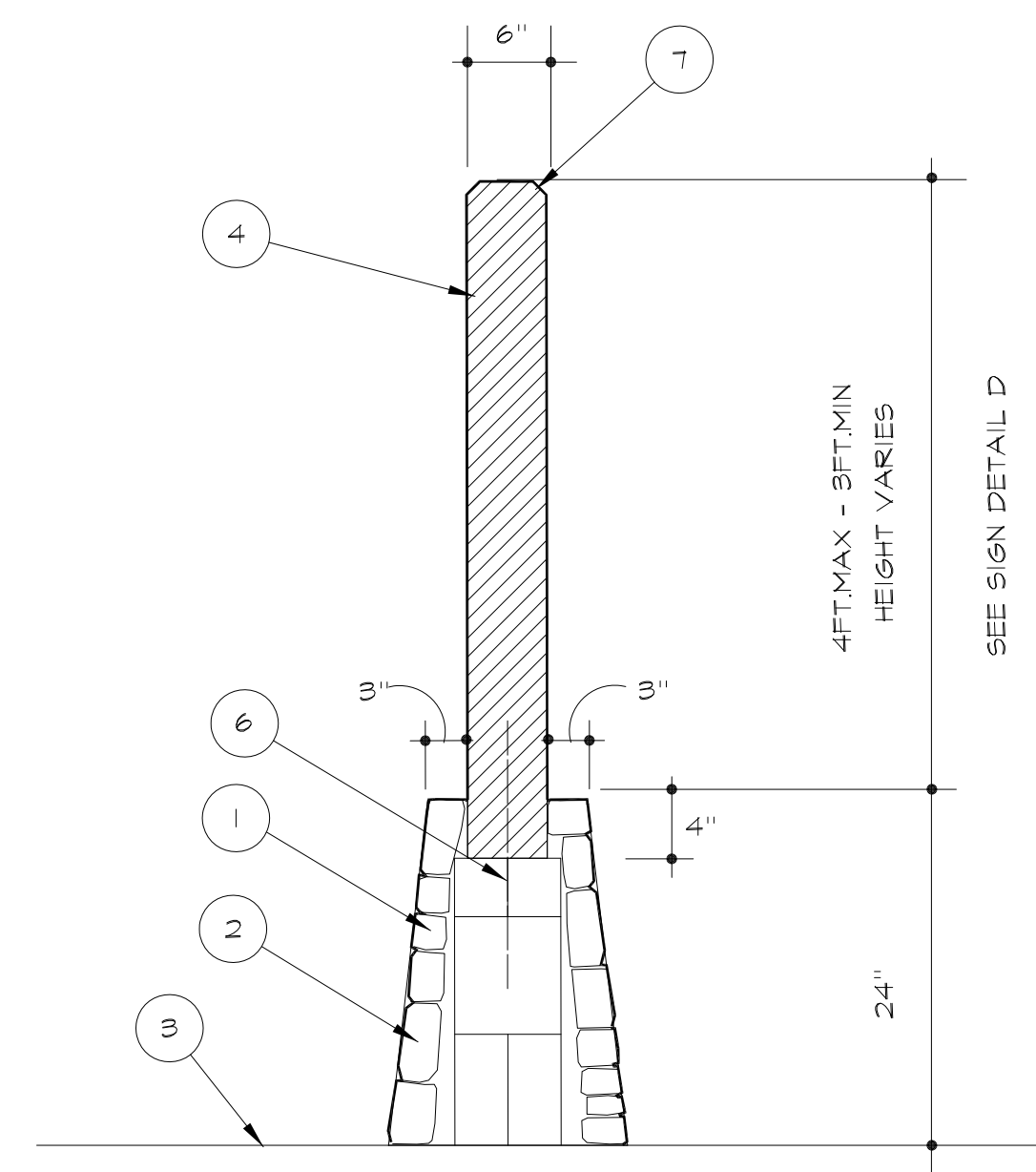


**A FOUNDATION SECTION**  
SCALE | " = 1'-0"

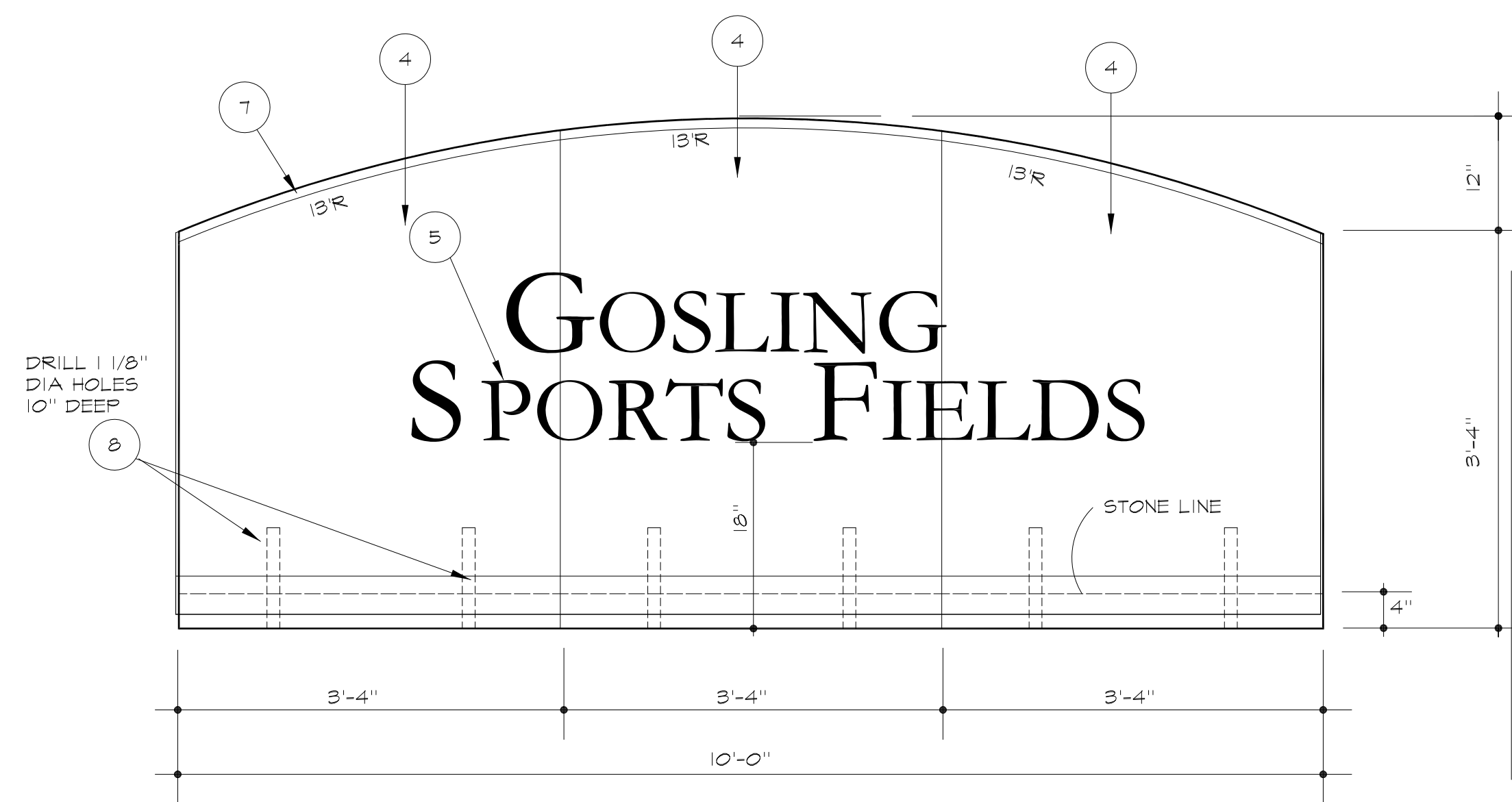


**B** SIGN / ELEVATION  
SCALE 1/2" = 1'-0"

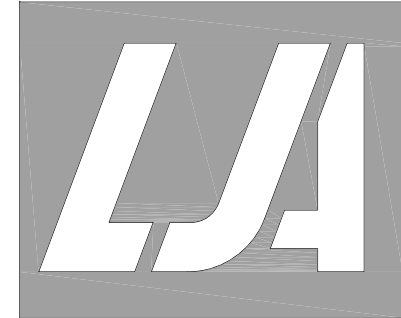
- 1 - CMU FILL ALL CAVITIES WITH MORTAR - #4 BARS 18" O.C. OR IN CORNERS - LADDER TYPE REINF. & TIES 16" O.C.
- 2 - 3" STONE VENEER, 'HACKET, GREY & BROWN BLEND'
- 3 - FINISH GRADE
- 4 - 3- 6" THICK PRECAST SIGN PANELS - SAND COLOR SEE DETAIL D
- 5 - 6 1/2" GARAMOND TEXT, SANDBLAST 1/8" DEEP. PAINT WITH DARK BRONZE LITHOGRAPH
- 6 - 1" O/G/AVL. FIFE FILLED W/ CONC. & EPOXIED INTO PRECAST 20" LONG 20" O.G. 10" FROM EDGE
- 7 - 1" CHAMFER TOP & SIDES- FRONT & BACK
- 8 - DRILL 1 1/8" HOLES IN BOTTOM OF PRECAST - 10" LONG 20" O.C. 10" FROM EDGE- SUBMIT SHOP DRAWINGS OF PRECAST OF APPROVAL



**C** SIGN / SECTION  
SCALE 1/2" = 1'-0"



**D** SIGN DETAIL  
SCALE  $\frac{3}{4}" = 1'-0"$



Gosling Road  
Sports Fields  
THE WOODLANDS TOWNSHIP  
The Woodlands, Texas

Sheet Title

## Sitework Details - Entry Marker Sign

**LJA**  
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